

(1) THE FAN MOTOR SHALL BE AN ENCLOSED TYPE, THE SURROUNDINGS OF THE FAN FIREPROOFED, AND THE FAN INSTALLED AND LOCATED TO PREVENT RECIRCULATION OF AIR;

(2) PASSAGEWAY BY THE FAN INSTALLATION SHALL BE BY MEANS OF AN AIR LOCK, WITH DOORS HAVING AT LEAST A 30 SQUARE FEET CROSS-SECTIONAL AREA AND OPENING AUTOMATICALLY WHEN THE FAN STOPS OPERATING;

(3) INSPECTION AT LEAST TWICE EACH SHIFT AND PROVISION OF A SIGNAL LIGHT, AUDIBLE SIGNAL, OR CONSTANT ATTENDANCE.

IN CASE OF BOOSTER FAN STOPPAGE, THE PROCEDURE CONTAINED IN THIS SUBTITLE WITH RESPECT TO STOPPAGE OF MAIN FANS APPLIES TO THE SECTION OF THE MINE AFFECTED.

REVISOR'S NOTE: This subsection presently appears as Article 66C, section 567(a) of the Code. The reference to "June 1, 1949", is proposed for deletion as obsolete. The only other changes made are in style.

(C) BLOWER FANS.—BLOWER FANS WITH TUBING USED IN GASSY MINES SHALL BE SURROUNDED WITH THE FOLLOWING SAFEGUARDS:

(1) THE FAN SHALL BE POWERED WITH A PERMISSIBLE DRIVING UNIT AND INSTALLED ON THE INTAKE AIR SIDE OF THE ENTRANCE OF THE PLACE TO BE VENTILATED NOT LESS THAN 16 FEET FROM THE NEAREST RIB;

(2) THE VOLUME OF AIR IN WHICH THE FAN IS PLACED SHALL BE AT LEAST TWO AND ONE-HALF TIMES THE MANUFACTURER'S MAXIMUM RATED CAPACITY OF THE FAN;

(3) THE FAN AND TUBING SHALL BE MAINTAINED IN GOOD CONDITION. THE DISCHARGE END OF THE TUBING SHALL BE KEPT WITHIN 35 FEET OF THE FACE, AND NOT MORE THAN 300 FEET OF THE TUBING SHALL BE EXTENDED FROM THE FAN;

(4) A CERTIFIED OFFICIAL OR OTHER COMPETENT PERSON DESIGNATED BY THE MINE FOREMAN SHALL EXAMINE FOR METHANE IN PLACES VENTILATED BY MEANS OF A BLOWER FAN BEFORE THE FAN IS STARTED AT THE BEGINNING OF THE SHIFT AND AFTER THE INTERRUPTION OF FAN OPERATION FOR FIVE MINUTES OR MORE DURING THE SHIFT;

(5) ACCUMULATIONS OF METHANE MAY NOT BE